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CATALOGUE
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LONDON

PREFACE.

THE Library of the Royal Astronomical Society consists of about 9,000 volumes, more than half of these being bound volumes of serial publications. The tiers of shelves are numbered 1 to 71, the separate shelves on each tier being distinguished by the letters of the alphabet.

As far as the sizes of the books will permit, they are arranged on the shelves according to subjects. The following table shows the general arrangement at present adopted. This will be liable to change, as the increase of the Library may necessitate the removal of certain subjects to other shelves.

Tier.	Shelf.	Subject.
1	A-K }	Astronomical Works, 17th and 18th Cent.
2	C-I }	
2	A, B }	Popular Astronomy.
3	A-I }	
3	K, L }	Theoretical and Practical Astronomy, &c.
4	A-L }	
5		Observations of Sun, Moon, Planets, Comets, and Meteors.
6		Observations and Catalogues of Stars, &c.
7	A-II	History of Astronomy; Scientific Bibliography.
7	I, K	Star Charts.
8	A, H-K	Dictionaries, Encyclopædias, &c.
8	B-F }	Ephemerides.
9	A-K }	
10	A-F }	
10	G-K }	Astronomical and Logarithmic Tables, &c.
11	F-K }	
11	A-C	Chronology, the Calendar, &c.
11	E	Mechanics.
12	C-G	Collected Works.
12	H-K	Differential and Integral Calculus, &c.
13	A-E	Bound volumes of Astronomical Tracts.
13	F-H	Instruments, &c.
13	I, K	Spectroscopic Works.

Tier.	Shelf.	Subject.
14	A-E	Physics, Natural Philosophy, &c.
14	F-I	Optics.
15, 16		Reports of English, Colonial and American Observatories.
17-23		Transactions of English, Colonial and American Societies, and other Serial Works.
24-31	A-H	Transactions of Continental Societies, and other Serials.
25-31	I, K	Reports of Continental Observatories.
32		Manuscripts.
33		Early printed Astronomical Works.
34		Paradoxical Works, &c.
35		Geography; Voyages and Travels.
36	A-D	Navigation.
36	E, F }	Meteorology and Terrestrial Magnetism.
37-40		
41		Figure of the Earth, Geodesy, Surveys.
42	A-D }	
42	D, E }	Mathematics—Miscellaneous.
43		
44		Geometry and Trigonometry.
45		Arithmetic and Algebra.
46		Astrology; Fluxions; Probabilities.
47		Mathematical Serials, &c.
48, 49		Natural Philosophy, &c.
50		Catalogues of Libraries.
52-71		Transactions of Societies, and other Serials, English and Foreign.

* * Tiers 34 to 71 are in the gallery.

The Catalogue contains nearly 7,000 titles, exclusive of cross references and lists of contents of some important series of Reports of Observatories, which it has been thought desirable to insert. The following subject headings have also been given:—

Bibliographies	Ephemerides
Dictionaries	Star Charts

Papers published in Transactions of Societies, &c., of which the Library possesses separate copies, have been catalogued in most cases—such titles being marked by an asterisk.

The Manuscript Catalogue, which is placed in the Library for reference, is written upon cards, each title bearing the number of the tier and the letter of the shelf.

The Catalogue has been prepared under the direction of the Library Committee, by the Assistant Secretary, Mr. W. H. Wesley.

CATALOGUE.

Abbadie (Antoine d') :

- : *Éclipse totale du Soleil observée le 28 Juillet 1851 en Norwège. 4to. Paris, 1854
- : Sur le Tonnerre en Éthiopie. 4to. Paris, 1858
- : Résumé Géodésique des positions déterminées en Éthiopie. 4to. Leipzig, 1859
- : *Éclipse totale du 18 Juillet 1860. 4to. Paris, 1860
- : *Description d'un Instrument pour la pratique de la Géodésie expéditive [Aba]. 4to. Paris, 1863
- : *Sur la division décimale de l'angle et du temps. 4to. Paris, 1870
- : Géodésie d'Éthiopie, ou triangulation d'une partie de la Haute Éthiopie, exécutée selon des méthodes nouvelles. 4to. Paris, 1873
- : *Études sur la Verticale. 8vo. Bordeaux, 1872
- : Observations relatives à la physique du globe, faites au Brésil et en Éthiopie. Rédigées par R. Radau. 4to. Paris, 1873
- : *Sur la latitude d'Abbadie, près de Hendaye (Basses-Pyrénées). 4to. Paris, 1875
- : *Instruments à employer en voyage et manière de s'en servir. 8vo. Paris, 1878
- : *Recherches sur la Verticale. 8vo. Bruxelles, 1881

Abbatt (Richard) :

- : The elements of plane and spherical trigonometry, and its application to astronomy, dialling, and trigonometrical surveying. 8vo. London, 1832
- : Orthographic projection of the globe. 8vo. London, 1857
- : The elements of physical astronomy. 8vo. London, 1870
- : Ditto. Second edition. 8vo. London, 1871
- : Remarks on the infinitesimal calculus. (Appendix to the elements of physical astronomy.) 8vo. London, 1876

Abbe (Cleveland) :

Report on the Solar Eclipse of July, 1878. (Professional papers of the Signal Service, No. 1.) 4to. Washington, 1881

Abbott (Francis) :

- : *Meteorological observations taken at Hobart Town, Tasmania, 1856-59. 4to. Hobart Town, 1859
- : Results of twenty-five years' meteorological observations. 4to. Hobart Town, 1866
- : Results of five years' meteorological observations for Hobart

Abbott (Francis)—*continued*.

Town, with which are incorporated the results of twenty-five years' observations previously published.

4to. Hobart Town, 1872

Abdilazus, *see* Alchabitius.**Abetti (Antonio)**:

—: Cenni storici sul successivo sviluppo della meteorologia e su alcune sue importanti applicazioni. 8vo. Padova, 1872

—: *Il passaggio di Venere sul Sole osservato a Muddapur il 9 Dicembre 1874. 4to. Palermo, 1875

—: *Osservazioni e calcoli eseguiti sulla Cometa Swift. 8vo. Venezia, 1880

—: *Sulla determinazione del Tempo coll'osservazione dei passaggi delle stelle pel verticale della polare. 8vo. Venezia, 1880

—: Sugli elementi dell'orbita del pianeta (170) Maria. 4to. Kiel, 1882

Abney (William de W.):

—: Instruction in photography. Third edition. 8vo. London, 1876

—: Photography with emulsions: a treatise on the theory and practical working of the collodion and gelatine emulsion processes. 8vo. London, 1882

Äbo:

—: Observationes astronomicæ in Specula Universitatis Litterariæ Fennicæ factæ . . . instituit F. G. A. Argelander. Tomus 1-3. 1824-28. fol. Helsingforsia, 1830-32

—: *See also* Argelander (F. W. A.).

About Hhassan Ali de Maroc:

Traité des Instrumens Astronomiques des Arabes composé au treizième siècle . . . traduit de l'Arabe . . . par J. J. Sédillot. 2 vols. 4to. Paris, 1834-35

Abraham Judæus:

Tractatus de nativitatibus, per Lucam Gauricum Geophonen-sem castigatus, & in ordinem redactus atque recognitus, cum infinitis prope modum annotationibus. 4to. Romæ, 1545

Abulfeda (Ismael):

Chorasmie et Mawaralnahræ; hoc est regionum extra fluvium Oxum descriptio (ed. J. Gravius). 4to. Londini, 1650

Academy (the). Record of literature, learning, science and art. Vol. 1-6, 8. 4to. London, 1870-75

Adams (George):

—: Astronomical and Geographical essays: containing, I. The general principles of Astronomy; II. The use of the celestial and terrestrial globes; III. The description and use of the Armillary sphere, planetarium, tellurian, and lunarian; IV. An introduction to practical astronomy . . . Second edition. 8vo. London, 1790

—: Geometrical and graphical essays, containing a general description of the mathematical instruments used in geometry, surveying, levelling and perspective. Second edition, corrected and enlarged by William Jones (with vol. of plates, 4to.). 8vo. London, 1797

Adams (George)—*continued*.

- : Lectures on natural and experimental philosophy, considered in its present state of improvement. Vol. 1, 3.
Svo. London, 1794-99

Adams (John) :

- : The mathematician's companion, or a table of logarithms from 1 to 10,860. Svo. London, 1782
— : Extracts from a meteorological Journal kept at Elmonton, Middlesex (1792-96, 1811). 12mo. London, 1814

Adams (John Couch) :

- : *An explanation of the observed irregularities in the motion of Uranus on the hypothesis of disturbances caused by a more distant planet. 8vo. London, 1846
— : On new tables of the Moon's parallax, to be substituted for those of Burekhardt. 8vo. London, 1853
— : *On the secular variation of the Moon's mean motion. 4to. London, 1853
— : *See also* Cambridge Observatory.

Adelaide, Government Observatory :

Meteorological Observations made . . . during the years 1859-61, 1863-65, 1869-70, 1876, 1878-80, under the direction of Charles Todd. fol. Adelaide, 1860-82

Adelaide, Royal Society of South Australia :

- : Transactions and Proceedings and Report of the Philosophical Society of Adelaide, 1877-79. Vol. 1-2.
Svo. Adelaide, 1878-79
— : Transactions and Proceedings and Report of the Royal Society of South Australia, 1879-83. Vol. 3-6.
Svo. Adelaide, 1880-83
The title of the Society was changed in 1880.

Adler (Marcus N.) :

*Memoir of the late Benjamin Gompertz. 8vo.

Adolph (G. H. W. Carl) :

Bahnbestimmung der Mnemosyne und Ableitung der Jupitermasse aus den Mnemosyne Beobachtungen seit 1859. Erster Theil. Inaugural-Dissertation. 4to. Carlsruhe, 1874

Adolph (William) :

- : The simplicity of the creation, or the astronomical monument of the Blessed Virgin : a new theory of the solar system. 8vo. London, 1859
— : Ditto. Second edition. 8vo. London, 1864
— : The simplicity of the creation : concise view of a new theory of the solar system, the tides, &c. 12mo. London, 1861

Aeolus. A retrospect of the weather of the twelvemonth past, 1844, and prognostication for that of the coming 1845.

8vo. London, 1845

Agardh (Joh. Mort) :

- : De motu systematis solaris progressivo disputatio astronomica [inauguralis]. 2 parts. 8vo. Lundæ, 1841
— : Observationes Eclipsis Solis quæ erat die xxviii Julii mdccclii calculatæ a J. M. Agardh. 4to. Lundæ, 1853

Agelet Joseph (Lepaute d'):

- *Reduction of the observations of fixed stars made by J. L. D'Agelet at Paris in 1783-85, with a catalogue of the corresponding mean places, referred to the equinox of 1800. By B. A. Gould. 4to. Washington [1866]

Agnesi (Maria Gaetana):

- : *Traité élémentaires de calcul différentiel et de calcul intégral.* 8vo. Paris, 1775
- : *Analytical institutions in four books.* Translated into English by the late Rev. John Colson . . . [edited by] the Rev. John Hellins. 2 vols. 4to. London, 1801

Agnew (H. C.):

- A letter from Alexandria on the evidence of the practical application of the quadrature of the circle in the configuration of the great pyramids of Gizeh. 4to. London, 1838

Agrippa (Henricus Cornelius):

- Three books of occult philosophy . . . translated out of the Latin into the English tongue by J. F. 4to. London, 1651

Aguilar (Antonio):

- *Breve reseña de la Historia y Progresos de la Astronomia. 4to. Madrid, 1855

Aimé (Georges):

- *Mémoire sur les variations de niveau de la Méditerranée. 8vo. Paris [1844]

Ainslie (John):

- A treatise on land surveying: new and enlarged edition by William Galbraith. 8vo. Edinburgh, 1849

[Air.] Thoughts on the properties and formation of the different kinds of air. 8vo. London, 1785**Airy (George Biddell):**

- : *On the longitude of the Cambridge Observatory. 4to. Cambridge, 1828
- : *On the correction requisite to be applied to the length of a pendulum consisting of a ball suspended by a fine wire. 4to. [Cambridge, 1829]
- : *On certain conditions under which a perpetual motion is possible. 4to. Cambridge [1829]
- : *Mathematical tracts on the lunar and planetary theories, the figure of the earth, precession and nutation, the calculus of variations, and the undulatory theory of optics.* Second edition. 8vo. Cambridge, 1831
- : *On an inequality of long period in the motions of the Earth and Venus. 4to. London, 1832
- : *Gravitation: an elementary explanation of the principal perturbations in the Solar System.* 12mo. London, 1834
- : *Populäre physische Astronomie.* Aus dem Englischen übersetzt von K. L. von Littrow. 8vo. Stuttgart, 1839
- : *Extracts of papers printed and manuscript, laid before the Commission appointed to consider the steps to be taken for restoration of the standards of weight and measure.* 4to. London, 1840

Airy (George Biddell)—*continued.*

- : Account of the Northumberland equatoreal and dome,
attached to the Cambridge Observatory.
4to. Cambridge, 1844
- : *On the laws of the tides on the coasts of Ireland.
4to. London, 1845
- : *Account of the measurement of the astronomical difference
of longitude on the arc of parallel extending from Greenwich
to the Island of Valentia in the south-west of Ireland.
4to. London [1846]
- : Tides and Waves [from the *Encyclopædia Metropolitana*].
4to. [London, 1848]
- : Six lectures on Astronomy, delivered at . . . Ipswich,
in the month of March, 1848. 8vo. London [1849]
- : *On the Eclipses of Agathocles, Thales, and Xerxes.
4to. London [1853]
- : Lecture on the pendulum-experiments at Harton pit . . .
together with a letter containing the results of the experi-
ments. 8vo. London, 1855
- : *Account of the construction of the new national standard
of length, and of its principal copies. 4to. London, 1858
- : On the algebraical and numerical theory of errors of obser-
vations and the combination of observations.
8vo. Cambridge, 1861
- : An elementary treatise on partial differential equations,
designed for the use of students in the University.
8vo. Cambridge, 1866
- : On sound and atmospheric vibrations, with the mathe-
maticalelements of music. 8vo. London and Cambridge, 1868
- : A treatise on magnetism, designed for the use of students
in the University. 8vo. London, 1870
- : Copy of the Report by the Astronomer Royal . . . on the
telescopic observations of the Transit of Venus, 1874, made
in the expedition of the British Government, and on the
conclusion derived from those observations.
fol. London, 1877
- : On the undulatory theory of optics, designed for the use of
students in the University. New edition. 8vo. London, 1877
- : Account of observations of the Transit of Venus, 1874,
December 8, made under the authority of the British
Government, and of the reduction of the observations.
4to. London, 1881
- : A new method of clearing the lunar distance.
8vo. London, 1881
- : *See also* Weyer (G. D. E.)
- : *Logarithms of the values of all vulgar fractions with
numerator and denominator not exceeding 100, arranged in
order of magnitude. 8vo. London, 1881
- : *On a systematic interruption in the order of numerical
values of vulgar fractions, when arranged in a series of
consecutive magnitudes. 8vo. London, 1881
- : *Monthly means of the highest and lowest diurnal tempe-

Airy (George Biddell)—*continued*.

ratures of the water of the Thames, and comparison with the corresponding temperatures of the air at the Royal Observatory, Greenwich. 8vo. London, 1882

—: *See also* Cambridge Observatory; Greenwich, Royal Observatory.

Albany, Dudley Observatory:

—: The Dudley Observatory and the Scientific Council. Statement of the Trustees. 8vo. Albany, 1858

—: *See also* Gould (B. A.)

—: Defence of Dr. Gould by the Scientific Council. Second edition. 8vo. Albany, 1858

—: Annals, Vol. 1, 2. 8vo. Albany, 1866-71

—: Annual Report of the Astronomer for 1877. 8vo. Albany, 1878

—: *See also* Boss (L.)

Albèri (Eugenio):

—: De Galilei Galileii circa Jovis satellites lucubrationibus brevis disquisitio. 8vo. Florentiae [1843]

—: Risposta ad uno scritto pubblicato in Bologna intitolato lettera dell' Abate Pietro Pillori sul preteso ritrovamento delle effemeridi Galileiane dei Satelliti di Giove. 8vo. Marsilia

—: Ultime parole di E A a' suoi avversari in materia dei lavori Galileiani sui satelliti di Giove. 8vo.

Albohali:

—: De iudicijs Natiuitatum liber unus, antehac non editus. Cum priuilegio D. Ioanni Schonero concessio. 4to. Noribergæ, 1546

—: De iudicijs Natiuitatū liber unus, antehac non editus. Epistola nuncupatoria Ioachimi Helli. 4to. Noribergæ, 1549

Albohazen Haly filius Abenragel:

—: Preclarissim' Liber cōplet' in iudicijs astrorum (bene reuisus & fideli studio emēdatus p. dominū Bartolomeum de Alten de Nusia). fol. Venetiis (E. Ratdolt), 1485

—: Preclarissimus Liber completus in iudicijs astrorum (bene reuisus B. de Alten de Nusia). fol. [Venetiis], J. B. Sessa, 1503

—: Preclarissimus Liber cōpletus in iudicijs astrorum (bene reuisus B. de Alten de Nusia). fol. Venetiis, 1523

Alubather:

Liber Genethliacys, siue De natiuitatibus, non solum ingentium rerum scitu dignarum copia, uerum etiam iucundissimo illarum ordine conspicuus. 4to. Norimbergæ, 1540

Albumasar:

—: Introductorium in astronomiam Albumasaris abalachi octo continens libros partiales. 4to. Augustæ Vindelicorum (E. Ratdolt), 1489

—: Flores Albumasaris. (Tractatus florum astrologie.) 4to. Augustæ Vindelicorum (E. Ratdolt), 1495

Alcala-Galiano (Dionisio):

Memoria sobre las observaciones de latitud y longitud en el mar. 4to. [Madrid], 1796

Alchabitius:

- : *Libellus ysagogic' abdilazi. i. serui gloriosi dei: q' dr alchabit' ad magisteriũ iudiciorum astrorum: Ìterpretat' a ioaño hispalēsi.* 4to. Venetiis (E. Ratdolt), 1482
- : *Libellus ysagogicus abdłazi. id est serui gloriosi gei. Qui dicitur alchabitius, ad magisterium iudiciorũ astrorum interpretatus a Joanne hispalensi, scriptumque in eũdem Joanne saxonie editum (anno 1331).* 4to. Venetiis (M. Sessa), 1512
- : *Opus ad scrutanda Stellarum Magisteria ysagogicũ . . . restitutũ ab . . . Antonio de Fantis, qui notabilẽ eiusdẽ Auctoris Libellũ de Planetarum Cõiũctionib' . . . addidit & pleraque scitu dignissima cũ castigatissimo Joannis de Saxonía Cõmẽtario.* 4to. Venetiis (M. Sessa), 1521

Alembert (Jean le Rond D'):

- : *Traité de dynamique.* 4to. Paris, 1742
- : *Réflexions sur la Cause générale des Vents.* 4to. Berlin, 1747
- : *Essai d'une nouvelle théorie de la résistance des fluides.* 4to. Paris, 1752
- : *Recherches sur différens points importans du systẽme du monde.* 3 parts in 2 vols. 4to. Paris, 1754-56
- : *Opuscules mathématiques, ou mémoires sur différens sujets de géométrie, de mécanique, d'optique, d'astronomie, &c.* 8 vols. 4to. Paris, 1761-80
- : **Recherches sur les mouvemens de l'axe d'une planète quelconque dans l'hypothèse de la dissimilitude des méridiens.* 4to. Paris, 1768

Alexander (John):

A synopsis of Algebra. . . . To which is added an appendix by Humfrey Ditton. Done from the Latin by Samuel Cobb. 2 parts in 1 vol. 8vo. London, 1709

Alexander (Stephen):

- : **Observation of the Annular Eclipse of May 26 [1854], in the suburbs of Ogdensburgh, N.Y.* 4to. [1856]
- : *See also United States Coast Survey.*

Alfonso X. (of Castile):

- : *Tabule astronomice Alfonsi Regis (necnon stellarũ fixarum longitudes ac latitudes). [Edidit Johannes Lucilius Santritter.]* 4to. Venetiis, 1492

In the colophon the Tables are said to be 'Opera et arte mirifica viri solertis Johannis Hamman de Landoia, dictus Hertzog.'

- : *Tabule astronomice Divi Alfonsi Regis . . . nuper quàm diligentissime cum additionibus emendate.* 4to. Venetiis (P. Liechtenstein), 1518 (1521)
- The first date is that of the title; the second of the colophon.
- : *Astronomicę tabulę, in propriam integritatem restitutę, ad calcem adiectis tabulis . . . cum plurimorũ locorũ*

Alfonso X.—continued.

correctione, & accessione variarū tabellarū ex diversis auctoribus. . . . Qua in re P. Hamellius sedulā operam suam præstitit. 4to. Parisiis, 1545

— : Libros del saber de astronomia, copilados, anotados y comentados por Manuel Rico y Sinobas. Tomo 1–5, parte 1. fol. Madrid, 1863–67

Alfonsus de Corduba :

Tabule Astronomice Elisabeth Regine. 2 parts.

4to. Venetiis (P. Liechtensteyn), 1503

Alfraganus (Muhamed) :

— : Brevis ac perutilis compilatio Alfragani Astronomorum peritissimi, totum id cōtinens, quod ad rudimenta Astronomica est opportunum. 4to. Norimbergæ, 1537

— : Chronologica et Astronomica elementa additus est commentarius, qui rationem calendarii Romani, Ægyptiaci, Arabici, Persici, Syriaci & Hebræi explicat autore J. Christmanno. 8vo. Francofurdi, 1590

Algarotti (Francesco) :

Sir Isaac Newton's philosophy explain'd for the use of the ladies, in six dialogues on light and colours. From the Italian. 2 vols. 12mo. London, 1739

Algebra :

Elements of Algebra, for the use of students in Universities. Third edition. 2 parts in 1 vol. 8vo. Edinburgh, 1789

Algöwer (David) :

Schrift- und Vernunft-mässige Anzeige, dass man sich vor innstehender grossen Sonnen-Finsterniss welche den 3 Maji, 1715, eintreffen wird, weder fürchten noch selbige für ein ausserordentliches Göttliches Zorn- und Straff-Zeichen halten. 4to. Ulm

Alhazen :

Opticæ Thesavrvs libri septem, nunc primū editi ; eivsdem liber de Crepusculis & Nubium ascensionibus. Item Vitellonis Thvringopoloni libri x. Omnes instaurati, figuris illustrati & aucti ; adiectis etiam in Alhazenū commentarijs à Federico Risnero. fol. Basileæ, 1572

Aliacus (Petrus de) [Cardinal d'Ailly] :

— : Cōcordātia astronomie cū theologia ; Cōcordātia astronomie cū hystorica narratione, et elucidariū duorum precedentium. 4to. Augustæ Vindelicorum (E. Ratdolt), 1490

— : Tractatus sup. libros Metheororū, de impressionibus aeris. Ac de hijs quæ in prima, secunda, atque tertia regionibus aeris fiunt ; sicut sunt Sydera cadentia, Stellæ, Cometæ deque generatis infra terram. 4to. Argentinae, 1504

Allé (Moriz) :

— : *Opposition der Calliope vom Jahre 1857. 8vo. Wien, 1856
 — : *Ueber die Bahn der Laetitia. 8vo. Wien, 1857
 — : *Ueber die Bahn der Nemausa. 8vo. Wien, 1860

[Allen (William)]:

Companion to the transit instrument, containing the right ascension and declination of stars from the first to the fourth magnitude, with the places of some of the most interesting double stars. 8vo. London, 1815

Allgemeine Geographische Ephemeriden:

—: Verfasset von einer Gesellschaft Gelehrter, und herausgegeben von F. von Zach (A. C. Gaspari, C. G. Reichard, F. J. Bertuch). Band 1-51. 8vo. Weimar, 1798-1816

—: Neue allgemeine geographische Ephemeriden . . . herausgegeben von F. J. Bertuch. Band 1-10.

8vo. Weimar, 1817-22

—: Neue allgemeine geographische und statistische Ephemeriden. Verfasset von einer Gesellschaft von Gelehrten, und herausgegeben von dem Geographischen Institute. Band 11-23.

8vo. Weimar, 1822-27

Almanac for the year 1386. Transcribed, verbatim, from the original antique illuminated manuscript in the black letter.

12mo. London, 1812

Almanac:

Allmanach und Prognosticon auff das Jahr 1670 durch Johannem Mejerum.

12mo. Hamburg

Almanacs:

[A collection of 14 astrological almanacks from 1752, 1760-61.]

3 vols. 12mo. London, 1752-61

Al-Sûfi (Abd-al-Rahman):

Description des étoiles fixes composée au milieu du dixième siècle de notre ère par l'astronome persan A . . . S . . .

Traduction . . . avec des notes par H. C. F. C. Schjellerup.

4to. St.-Petersbourg, 1874

Altenburg, Kunst- und Handwerks-Verein:

Naturforschende Gesellschaft. Mittheilungen aus dem Osterlande. Band 15, 16.

8vo. Altenburg, 1861-63

Amante (Fedele):

—: *Considerazioni sulle formole adoperate comunemente dai geografi per calcolare le posizioni geografiche dei vertici dei triangoli geodetici.

4to. Napoli, 1837

—: *Sulle formole da usarsi ne' calcoli geodetici per la riduzione degli angoli all' orizzonte della stazione.

4to. Napoli, 1837

American Academy of Arts and Sciences:

—: Memoirs, Vol. 1-4. 4to. Boston and Cambridge, 1785-1818

New series, Vol. 1-11, Part 1. Cambridge, 1833-82

—: Proceedings, 1846-73. Vol. 1-8.

8vo. Boston and Cambridge, 1848-73

New series, 1873-83. Vol. 1-10 (whole series, Vol. 9-18).

8vo. Boston, 1874-83

American Almanac, and Repository of Useful Knowledge,

1834-42, 1848.

12mo. Boston, 1833-47

American Association for the Advancement of Science :

- : Proceedings, Fourth meeting, 1850, to Twenty-first meeting, 1872. 8vo. Washington and Cambridge, 1851-73
- : *Address . . . by S. P. Langley, 1879. 8vo. Salem, 1879
- : *Address . . . by Asaph Hall, 1880. 8vo. Cambridge, 1880

American Journal of Mathematics pure and applied :

Edited by J. J. Sylvester [and others]. Published under the auspices of the Johns Hopkins University. Vol. 1-6.
4to. Baltimore, 1878-84

American Journal of Science, more especially of mineralogy, geology, and the other branches of natural history ; including also agriculture and the ornamental as well as useful arts. Conducted by Benjamin Silliman. Vol. 1.

8vo. New York, 1818

American Journal of Science and Arts. Conducted by Benjamin Silliman. Vol. 2-15. 8vo. New Haven, 1820-29

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4. Le Verrier, Recherches astronomiques (Théorie et tables du Soleil) ; Lefort, Grandes tables logarithmiques et trigonométriques calculées au bureau du Cadastre.

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(1) . . . $\frac{d^ny}{dx^n} + A_{n-1}\frac{d^{n-1}y}{dx^{n-1}} + A_{n-2}\frac{d^{n-2}y}{dx^{n-2}} . . . + A_1\frac{dy}{dx} + A_0 = X$
dans le cas particulier où le polynome

$Z = z^n + A_{n-1}z^{n-1} + A_{n-2}z^{n-2} . . . + A_1z + A_0$ renferme un nombre quelconque de racines égales. 4to. Torino, 1826

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|---|---|--|
| | | Reports of Observations of solar eclipse, July 1860. Alexander & Gilliss. |
| " | " | 1861. Abstracts of observations of eclipse of July 1860. |
| " | " | 1869. Reports of observations of solar eclipse, Aug. 1869. |
| " | " | 1870. " " " " Dec. 1870. |
| " | " | 1871. Reports of observations of solar eclipse, Dec. 1870, and general index of professional and scientific papers in Reports for 1851-70. |
| " | " | 1873. List of stars for observations of latitude; Errata in Heis's catalogue of stars. |
| " | " | 1875. Report on Transit of Venus Expeditions, 1874. |
| " | " | 1876. Catalogue of stars for observations of latitude. |
| " | " | 1878. Observations of Transit of Mercury, May 1878. |
| " | " | 1881. Ellipticity of the earth from pendulum experiments, &c. C. S. Peirce. |
| " | " | 1882. Total eclipse of Jan. 1880 (Davidson). New reduction of Lacaille's Observations of Fundamental Stars (Powalky). |

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- : An elementary treatise on mechanics Vol. 1, containing statics and part of dynamics. 8vo. Cambridge, 1819
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- : *On bisectant axes, and their relation to the radical axes of two or more given circles. 12mo. London, 1852
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